

**Docket No. 424 – Development and Management Plan Inspection**

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the Connecticut portion of the Interstate Reliability Project.

**IRP Overhead ROW**

**Interim Week Inspection:**

**Date:** October 28, 2014

**Inspector:** John Corbo, E.I.T.

**Rain Event:** 0.28” on 10/25/14

**Locations Inspected** (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)  
Lebanon, CT: MS 1 of 66 (Str. 1-6)  
Coventry, CT: MS 5-7 of 66 (Str. 23-34)  
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)  
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)  
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)  
Pomfret, CT: MS 44-47 (Str. 224-239)  
Putnam, CT: MS 54-63 (Str. 273-318)  
Thompson, CT MS 63-66 (Str. 319-337)

**Work Observed:** (by Map Sheet and Structure Number / Site)

**MS1-6, Str 3-28:** Conductor pull operations.

**MS15, Str 78-79:** Line work.

**MS18, Str 92:** Stabilization of exposed topsoil with spread hay, reclamation and restoration of access road down-line of Str 92. (Photo 1 & 2)

**MS31, Str 164:** Drilling operations and topsoil seeding.

**MS40, Str 205:** Grading of access road and Str pad, delivery of construction materials.

**MS47, Str 238:** Rough grading of Str pad 238.

**MS47A, Str 240-241:** Delivery of wetland mats, rough grading of pulling pad down-line of Str 241, installation of silt fence.

**MS58, Str 292-294:** Clearing operations.

**MS64-66, Str 325-337:** Clearing operations and chipping brush at Str 335, building of entrance pad at Str 326, clearing operations at Str 325.

**IRP Overhead ROW**

**Bi-Weekly Week Inspection:**

**Date:** November 5, 2014

**Inspector:** John Corbo, E.I.T.

**Rain Event:** 0.32” on 11/1/2014

**Locations Inspected** (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

Mansfield, CT: MS 8-17 of 66 (Str. 36-91)  
Brooklyn, CT: MS 31-44 of 66 (Str. 161-223)  
Pomfret, CT: MS 44-47 (Str. 224-239)  
Putnam, CT: MS 54-63 (Str. 273-318)  
Thompson, CT MS 63-66 (Str. 319-337)

**Work Observed:** (by Map Sheet and Structure Number / Site)

**MS15, Str 78:** Rope pulling operations to begin conductor installation.

**MS17, Str 89-90:** Stabilization of exposed topsoil with spread hay, reclamation and restoration of access road and pads. (Photo 3)

**MS35, Str 182-183:** Clearing operations, feller/buncher utilization of wetland mats. (Photo 4)

**MS44, Str 220:** Drilling operations.

**MS47, Str 237-238:** Mowing down-line of Str 238.

**MS55-56, Str 274-281:** Delivery of construction materials, grading and compacting of Str pad 275, hammering rock at Str 276. Chipping brush and clearing up-line of Str 279.

**MS56, Str 283-284:** Delivery of construction materials, rough grading at Str pad 284, placement of filter fabric under stone in farmland protection area, topsoil stockpiled off edge of Str pad 283. (Photo 7)

**MS60, Str 302-304:** Clearing operations with mower and feller/buncher.

**MS63-64, Str 321-324:** Building of access road with wetland mats up-line of Str 321.

**MS66, Str 336:** Grading of Str pad 336.

<b>Areas of Inspection</b>		<b>Observation:</b>	<b>Recommended Action:</b>	<b>Corrected Action:</b>
<b>Access Roads and Adjacent Roadways</b>	<b>Interim Week (10/28)</b>	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
	<b>Bi-Week (11/5)</b>	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.</b>	<b>Interim Week (10/28)</b>	Project clearing observed during inspection appears to be in accordance with D & M plans.  Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting.	NA  NA	NA  NA
	<b>Bi-Week (11/5)</b>	Project clearing observed during inspection appears to be in accordance with D & M plans.  <b>Str 182-183:</b> Observed Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting. (Photo 4)	NA  Continue to follow this procedure.	NA  NA
<b>Water Crossings</b>	<b>Interim Week (10/28)</b>	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.	Continue to follow this procedure.	NA

	<b>Bi-Week (11/5)</b>	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.	Continue to follow this procedure.	NA
<b>Erosion and Sedimentation Controls</b>	<b>Interim Week (10/28)</b>	Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.	Continue to follow this procedure.	NA
		<b>Str 328:</b> Observed damaged silt fence up-line of Str 328 on edge of access road. (Photo 9 & 10)	NA	Northern immediately had a crew repair the silt fence.
		<b>Str 241-243:</b> Observed plunge pools, water bars, armored swale on edge of access road between Str 241 and 243. (Photo 5 & 6)	Continue to follow this procedure.	NA
		<b>Str 205:</b> Observed plunge pool up-line of Str 205 on edge of access road.	Continue to follow this procedure.	NA
<b>Bi-Week (11/5)</b>	<b>Str 92:</b> Observed stabilization of exposed topsoil with hay spreader. (Photo 2)	Continue to follow this procedure.	NA	
		<b>Str 90:</b> Observed stabilization of exposed topsoil with hay. (Photo 3)	Continue to follow this procedure.	NA
<b>Bi-Week (11/5)</b>	<b>Str 240:</b> Observed plunge pool up-line of Str 240 on edge of access road. (Photo 8)	Continue to follow this procedure.	NA	
		Continue to follow this procedure.	NA	
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<b>Interim Week (10/28)</b>	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
	<b>Bi-Week (11/5)</b>	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA

<b>Spills and Material Storage.</b>	<b>Interim Week (10/28)</b>	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
	<b>Bi-Week (11/5)</b>	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
<b>Cultural Resources</b>	<b>Interim Week (10/28)</b>	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
	<b>Bi-Week (11/5)</b>	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
<b>Rare, Threatened, and Endangered Species</b>	<b>Interim Week (10/28)</b>	NA	NA	NA
	<b>Bi-Week (11/5)</b>	NA	NA	NA

**Additional Documentation Comments:**

**Notes for 10/28/2014:**

- It appears that all work at CSSS is complete. Switching to monthly inspection routine.
- Drilling operations ongoing at Str 164.
- Str 92: Construction pad 92 has been removed, restored and stabilized with straw mulch to their original, pre-construction grades and slopes. (Photo 1)
- Construction pads for structure assembly and erection that were removed, with their areas restored to original grades and slopes: Str 84-87, 92-100, and 269-270.

**Notes for 11/5/2014:**

- Drilling operations ongoing at Str 220.
- Str 89-90: Construction pad 89 and 90 has been removed, restored and stabilized with straw mulch to their original, pre-construction grades and slopes. (Photo 3)
- Construction pads for structure assembly and erection that were removed, with their areas restored to original grades and slopes: Str 84-87, 89-100, and 269-270.

**Open Items from previous inspections:**

**Closed Items from previous inspections:**

**Next likely scheduled inspection:**

November 12, 2014

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Independent Field Inspector:** John M. Corbo, EIT 11/6/2014

**Owner's Field Inspector:** \_\_\_\_\_

**Reviewer:** Paul Knapik 11/24/2014



Photo #1: Removal of fill and stone at Str 92. (10/28)



Photo #2: Stabilization of exposed topsoil with hay spreader down-line of Str 92. (10/28)

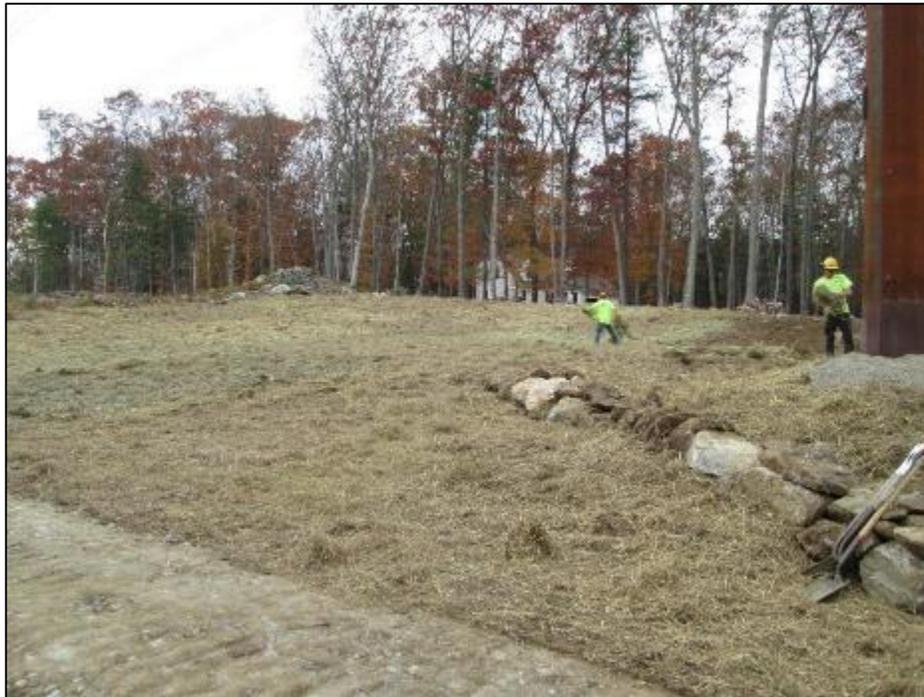


Photo #3: Stabilization of exposed topsoil with hay at Str 90. (11/5)



Photo #4: Observed Clearing crews utilizing timber mats in wet areas at Str 183. (11/5)



Photo #5: Observed armored swale on edge of access road down-line of Str 243. (10/28)



Photo #6: Observed plunge pool on edge of access road down-line of Str 243. (10/28)



Photo #7: Observed pad building in agricultural land with filter fabric under stone at Str 283. (11/5)



Photo #8: Observed plunge pool on edge of access road up-line of Str 240. (11/5)



Photo #9: Damaged silt fence up-line of Str 328. (10/28)



Photo #10: Damaged silt fence up-line of Str 328 being fixed. (10/28)